



**Montana Department of Transportation**  
**PO Box 201001**  
**Helena, MT 59620-1001**

**MEMORANDUM**

**To:** See Distribution  
**From:** Kevin Christensen, P.E.  
Construction Engineer  
**Date:** January 5, 2009  
**Subject:** Supplemental Specification Addition: 610 Roadside Re-vegetation

The Construction Administration Services Bureau is proposing changes to multiple sections under 610 Roadside Re-vegetation, following the Standard Specification Revision Process outlined in the Construction Engineer's Memorandum dated May 2008. The following information is provided.

1. 610 Roadside Re-vegetation will be modified.
2. The Proposed Draft of the change is attached along with this memorandum.
3. Revisions to the Standard Specifications are needed to redefine requirements for mailboxes.
4. Those impacted by the change include:  
Construction, Contractors
5. The following individuals were consulted and/or involved in developing the proposed revisions:  
CAS, CES Bureau

*It is requested that written comments on **the proposed revisions only**, be returned to [mdtspecifications@mt.gov](mailto:mdtspecifications@mt.gov) no later than 1-30, 2009.*

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**610.01 DESCRIPTION**

This work is re-establishing vegetative cover on specified areas with salvaged topsoil under Subsection 203.03.6, or furnishing and placing topsoil, seeding, planting, fertilizing, mulching, composting, soil retention blankets, and sodding.

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**610.02 MATERIALS**

Furnish materials meeting the following Subsection requirements:

Water .....	713.01
Topsoil .....	713.05
Seed .....	713.08
Fertilizer .....	713.09
Mulch .....	713.10
Sod .....	713.11
Soil Retention Blankets.....	713.12
Composting.....	713.13

**610.03 CONSTRUCTION REQUIREMENTS****610.03.1 Furnished Topsoil**

When Topsoil is a bid item, furnish topsoil and, Notify the Project Manager of the proposed topsoil source(s) as soon as possible after the contract award. Topsoil from proposed sources may be used only after sample tests show the material is acceptable.

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Complete topsoil areas to the lines, grades, and elevations specified. Do not place topsoil until the designated areas are prepared and all construction work in the area is completed.

Scarify or rip slopes to be topsoiled.

Break up ordinary sod and soil containing grass roots into maximum 2-inch (50 mm) clumps.

Remove and dispose of, at Contractor expense, all clods, rocks, large roots, litter, and other foreign material exceeding 4 inches (100 mm) in its greatest dimension from the topsoil before placing it on the roadway and before final acceptance. Break up the topsoil to an average 4 inches (100 mm) deep.

**610.03.2 Seeding, Fertilizing, and Mulching**

These requirements apply to establishing vegetation on areas disturbed by the work. Landscaping interchange areas, rest areas, urban areas, and other areas are specified elsewhere in the contract.

**A. General.** Work the areas to be seeded to the specified line and grade before seeding and fertilizing.

Seed all disturbed areas. Permanent seeding of the finished slopes may require multiple seeding. Fertilizing, mulching, composting, permanent erosion control placement, and seeding are specified in the contract.

After all condition seedbed surface, seeding, and fertilizing work is complete, remove and dispose of any oversize material that protrudes 4 inches (100 mm) or more above the conditioned seedbed surface.

**610.04.1 Topsoil**

Furnished topsoil is measured by the cubic yard (cubic meter) of loose material level with the haul vehicle box at the point of use on the project. Strike or level loads when directed. Royalties, development, smoothing and leveling costs for topsoil removal are not measured separately for payment. Include these costs in the unit bid price for Topsoil.

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**610.04.4 Condition Seedbed Surface**

Condition seedbed surface is measured by the acre (hectare), parallel to the ground surface, to the nearest 0.1 acre (0.1 ha).

Removal of oversized material from the conditioned seedbed surface is not measured separately for payment.

**610.05 BASIS OF PAYMENT**

Payment for the completed and accepted quantities is made under the following:

<b><u>Pay Item</u></b>	<b><u>Pay Unit</u></b>
Topsoil	Cubic Yard (cubic meter)
Seeding	Acre (hectare)
Fertilizing	Acre (hectare)
Condition Seedbed Surface	Acre (hectare)
Mulch	Acre (hectare)
Compost	Acre (hectare)
Fabricated Mulch and Netting	Acre (hectare)
Sodding	Square Yard (square meter)
Soil Retention Blanket	Square Yard (square meter)

Include the cost of removing oversized material from the conditioned seedbed surface in the cost of Topsoil – Salvaging and Placing, or Topsoil (furnished) whichever is applicable.

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Payment at the contract unit price is full compensation for all resources necessary to complete the item of work under the contract.